

## WEST Search History

DATE: Friday, February 25, 2005

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L22	l20 not l16	2
<input type="checkbox"/>	L21	phosphotrans\$ near10 sucrose	16
<input type="checkbox"/>	L20	phosphotrans\$ with sucrose	27
<input type="checkbox"/>	L19	L18 not l17 not l15	7
<input type="checkbox"/>	L18	L16 and pts	9
<input type="checkbox"/>	L17	L16 and (brevibacterium or corynebacterium)	3
<input type="checkbox"/>	L16	phosphotransferase with sucrose	25
<input type="checkbox"/>	L15	phosphotransferase with (brevibacterium or corynebacterium)	5
<input type="checkbox"/>	L14	L13 and (sequence or gene)	386
<input type="checkbox"/>	L13	L12 and sucrose	390
<input type="checkbox"/>	L12	phosphotransferase and (brevibacterium or corynebacterium)	996
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L10	6696561	1
<i>DB=PGPB; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L9	20040030116	1
<input type="checkbox"/>	L8	L6 and corynebacterium	5
<input type="checkbox"/>	L2	nakagawa.in.	1230

END OF SEARCH HISTORY

\$%^STN;highlighton= \*\*\*;highlightoff=\*\*\* ;

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NEWS	5 NOV 30	PHAR reloaded with additional data
NEWS	6 DEC 01	LISA now available on STN
NEWS	7 DEC 09	12 databases to be removed from STN on December 31, 2004
NEWS	8 DEC 15	MEDLINE update schedule for December 2004
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NEWS	14 DEC 30	EPFULL: New patent full text database to be available on STN
NEWS	15 DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS	16 JAN 03	No connect-hour charges in EPFULL during January and February 2005
NEWS	17 FEB 25	CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
NEWS	18 FEB 10	STN Patent Forums to be held in March 2005
NEWS	19 FEB 16	STN User Update to be held in conjunction with the 229th ACS National Meeting on March 13, 2005
NEWS EXPRESS	JANUARY 10	CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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SINCE FILE  
ENTRY  
0 31

TOTAL  
SESSION  
0.21

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=> s phosphotransferase (5a) sucrose  
L1 369 PHOSPHOTRANSFERASE (5A) SUCROSE

=> s 11 and (brevibacterium or corynebacterium)  
L2 12 L1 AND (BREVIBACTERIUM OR CORYNEBACTERIUM)

=> dup rem 12  
PROCESSING COMPLETED FOR L2  
L3 6 DUP REM L2 (6 DUPLICATES REMOVED)

=> d 1-6

L3 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:265608 HCAPLUS  
DN 134:306172  
TI \*\*\*Corynebacterium\*\*\* thermoaminogenes genes for enzymes involved in  
amino acid biosynthesis, recombinant expression for L-amino acid  
biosynthesis  
IN Hirano, Seiko; Nonaka, Gen; Matsuzaki, Yumi; Akiyoshi, Naoki; Nakamura,  
Kanae; Kimura, Eiichiro; Osumi, Tsuyoshi; Matsui, Kazuhiko; Kawahara,  
Yoshio; Kurahashi, Osamu; Nakamatsu, Tsuyoshi; Sugimoto, Shinichi  
PA Ajinomoto Co., Inc., Japan  
SO PCT Int. Appl., 215 pp.  
CODEN: PIXXD2

DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001025447	A1	20010412	WO 2000-JP6913	20001004
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU	2000075561	A5	20010510	AU 2000-75561	20001004
EP	1219712	A1	20020703	EP 2000-964654	20001004
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				

BR 2000014496 A 20020820 BR 2000-14496 20001004  
 PRAI JP 1999-282716 A 19991004  
 JP 1999-311147 A 19991101  
 JP 2000-120687 A 20000421  
 WO 2000-JP6913 W 20001004

RE.CNT 96 THERE ARE 96 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 6 HCPLUS COPYRIGHT 2005 ACS on STN  
 AN 2001:31660 HCPLUS  
 DN 134:96288  
 TI \*\*\*Brevibacterium\*\*\* lactofermentum gene ptsIIIsuc, encoding enzyme II  
 of the \*\*\*sucrose\*\*\* phosphoenolpyruvate-dependent  
 \*\*\*phosphotransferase\*\*\* system  
 IN Izui, Masako; Sugimoto, Masakazu; Nakamatsu, Tsuyoshi; Kurahashi, Osamu  
 PA Ajinomoto Co., Inc., Japan  
 SO PCT Int. Appl., 45 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001002584	A1	20010111	WO 2000-JP4348	20000630
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
EP 1197555	A1	20020417	EP 2000-940903	20000630
	R:	BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
BR 2000012020	A	20020702	BR 2000-12020	20000630
PRAI JP 1999-189512	A	19990702		
WO 2000-JP4348	W	20000630		

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 6 HCPLUS COPYRIGHT 2005 ACS on STN  
 AN 1998:714378 HCPLUS  
 DN 130:109230  
 TI L-Lysine experimental yields by \*\*\*Corynebacterium\*\*\* glutamicum on  
 carbon substrates  
 AU Ruklisha, M.; Ionina, R.  
 CS Institute of Microbiology and Biotechnology, University of Latvia, Riga,  
 LV-1586, Latvia  
 SO Mededelingen - Faculteit Landbouwkundige en Toegepaste Biologische  
 Wetenschappen (Universiteit Gent) (1998), 63(4a), 1341-1344  
 CODEN: MFLBER; ISSN: 1373-7503  
 PB Universiteit Gent, Faculteit Landbouwkundige en Toegepaste Biologische  
 Wetenschappen  
 DT Journal  
 LA English  
 RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 6 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on  
 STN DUPLICATE 1  
 AN 96:726064 SCISEARCH  
 GA The Genuine Article (R) Number: VK372  
 TI COMPLETE \*\*\*SUCROSE\*\*\* METABOLISM REQUIRES FRUCTOSE  
 \*\*\*PHOSPHOTRANSFERASE\*\*\* ACTIVITY IN \*\*\*CORYNEBACTERIUM\*\*\*  
 -GLUTAMICUM TO ENSURE PHOSPHORYLATION OF LIBERATED FRUCTOSE  
 AU DOMINGUEZ H; LINDLEY N D (Reprint)  
 CS CTR BIOINGN GILBERT DURAND, UMR CNRS, COMPLEXE SCI RANGUEIL, F-31077  
 TOULOUSE 4, FRANCE (Reprint); CTR BIOINGN GILBERT DURAND, UMR CNRS,  
 F-31077 TOULOUSE 4, FRANCE; INST NATL SCI APPL, LAB ASSOCIE INST NATL RECH  
 AGRON, F-31077 TOULOUSE 4, FRANCE  
 CYA FRANCE  
 SO APPLIED AND ENVIRONMENTAL MICROBIOLOGY, (OCT 1996) Vol. 62, No. 10, pp.  
 3878-3880.  
 ISSN: 0099-2240.

DT Article; Journal

FS LIFE; AGRI

LA ENGLISH

REC Reference Count: 17

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 5 OF 6 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
AN 1990-10687 BIOTECHDS

TI Effects of carbon source sugars on the yield of amino acid production and  
sucrose metabolism in \*\*\*Brevibacterium\*\*\* flavum;  
L-phenylalanine and L-glutamic acid production

AU Shio I; Sugimoto S; Kawamura K

CS Ajinomoto

LO Central Research Laboratories of Ajinomoto Co., Inc., Kawasaki-ku,  
Kawasaki, Kanagawa 210, Japan.

SO Agric.Biol.Chem.; (1990) 54, 6, 1513-19

CODEN: ABCHA6

DT Journal

LA English

L3 ANSWER 6 OF 6 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
AN 1988-00924 BIOTECHDS

TI Phosphoenolpyruvate: sugar-phosphotransferase systems and sugar  
metabolism in \*\*\*Brevibacterium\*\*\* flavum;  
an industrial amino acid producer

AU Mori M; Shio I

CS Ajinomoto

LO Central Research Laboratories, Ajinomoto Co., Ltd., Kawasaki-ku,  
Kawasaki, Kanagawa 210, Japan.

SO Agric.Biol.Chem.; (1987) 51, 10, 2671-78

CODEN: ABCHA6

DT Journal

LA English

=> d 4 ab

L3 ANSWER 4 OF 6 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN DUPLICATE 1

AB Sucrose uptake by \*\*\*Corynebacterium\*\*\* glutamicum involves a  
phosphoenolpyruvate-dependent \*\*\*sucrose\*\*\* \*\*\*phosphotransferase\*\*\*  
(PTS), but in the absence of fructokinase, further metabolism of the  
liberated fructose requires efflux of the fructose and reassimilation via  
the fructose PTS. Mutant strains lacking detectable fructose-transporting  
PTS activity accumulated fructose extracellularly but consumed sucrose at  
rates comparable to those of the wild-type strain.

=> dis his

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FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCPLUS,  
NTIS, ESBIOSBASE, BIOTECHNO, WPIDS' ENTERED AT 20:47:00 ON 25 FEB 2005

L1 369 S PHOSPHOTRANSFERASE (5A) SUCROSE

L2 12 S L1 AND (BREVIBACTERIUM OR CORYNEBACTERIUM)

L3 6 DUP REM L2 (6 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

29.39

29.60

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

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